```
Connecting via Winsock to STN
Welcome to STN International! Enter x:x
LOGINID:SSSPTA1800EXS
PASSWORD:
TERMINAL (ENTER 1, 2, 3, or ?):2
  त्रंद त्रंद त्रंद त्रंद त्रंद त्रंद त्रंद त्रंद
                      Welcome to STN International
                                                      * * * * * * * * *
 NEWS
       1
                  Web Page URLs for STN Seminar Schedule - N. America
                   'Ask CĂS" for self-help around the clock
 NEWS
          SEP 09
                  CA/CAplus records now contain indexing from 1907 to the
 NEWS
                  present
          DEC 08
 NEWS
                  INPADOC: Legal Status data reloaded
          SEP 29
 NEWS
                  DISSABS now available on STN
          OCT 10
 NEWS
       6
                  PCTFULL: Two new display fields added
                  BIOSIS file reloaded and enhanced
 NEWS
          OCT 21
                  BIOSIS file segment of TOXCENTER reloaded and enhanced
 NEWS
          OCT 28
                  MSDS-CCOHS file reloaded
          NOV 24
 NEWS
 NEWS 10
          DEC 08
                  CABA reloaded with left truncation
 NEWS 11
          DEC 08
                  IMS file names changed
 NEWS 12
          DEC 09
                  Experimental property data collected by CAS now available
                  in REGISTRY
 NEWS 13
          DEC 09
                  STN Entry Date available for display in REGISTRY and CA/CAplus
          DEC 17
      14
                  DGENE: Two new display fields added
 NEWS
          DEC 18
 NEWS 15
                  BIOTECHNO no longer updated
 NEWS 16
          DEC 19
                  CROPU no longer updated; subscriber discount no longer
                  available
                  Additional INPI reactions and pre-1907 documents added to CAS
 NEWS 17
          DEC 22
                  databases
                  IFIPAT/IFIUDB/IFICDB reloaded with new data and search fields
 NEWS 18
          DEC 22
 NEWS 19
          DEC 22
                  ABI-INFORM now available on STN
 NEWS 20
          JAN 27
                  Source of Registration (SR) information in REGISTRY updated
                  and searchable
 NEWS 21
          JAN 27
                  A new search aid, the Company Name Thesaurus, available in
                  CA/CAplus
 NEWS 22
          FEB 05
                  German (DE) application and patent publication number format
                  changes
 NEWS 23
          MAR 03
                  MEDLINE and LMEDLINE reloaded
 NEWS 24
          MAR 03
                  MEDLINE file segment of TOXCENTER reloaded
 NEWS 25
          MAR 03
                  FRANCEPAT now available on STN
                  Pharmaceutical Substances (PS) now available on STN
 NEWS 26
          MAR 29
                  WPIFV now available on STN
 NEWS 27
          MAR 29
          MAR 29
 NEWS 28
                  No connect hour charges in WPIFV until May 1, 2004
 NEWS 29
          MAR 29
                  New monthly current-awareness alert (SDI) frequency in RAPRA
NEWS EXPRESS
              MARCH 31 CURRENT WINDOWS VERSION IS V7.00A, CURRENT
               MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP)
               AND CURRENT DISCOVER FILE IS DATED 3 MARCH 2004
NEWS HOURS
               STN Operating Hours Plus Help Desk Availability
NEWS INTER
               General Internet Information
NEWS LOGIN
              Welcome Banner and News Items
NEWS PHONE
               Direct Dial and Telecommunication Network Access to STN
NEWS WWW
               CAS World Wide Web Site (general information)
Enter NEWS followed by the item number or name to see news on that
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             Please note that this agreement limits use to scientific
            Use for software development or design or implementation
 of commercial gateways or other similar uses is prohibited and may
 result in loss of user privileges and other penalties.
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\$%^STN;HighlightOn= \*\*\*;HighlightOff=\*\*\*

FILE 'HOME' ENTERED AT 11:49:36 ON 05 APR 2004

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=> fil .eliz
 COST IN U.S. DOLLARS
                                                      SINCE FILE
                                                                       TOTAL
                                                           ENTRY
                                                                     SESSION
FULL ESTIMATED COST
                                                            0.21
                                                                        0.21
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FILE 'BIOTECHNO' ENTERED AT 11:49:49 ON 05 APR 2004
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FILE 'WPIDS' ENTERED AT 11:49:49 ON 05 APR 2004
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=> s hanke, ?/au
L1 7857 HANKE, ?/AU
=> s l1 and pyruvate carboxylase
              3 L1 AND PYRUVATE CARBOXYLASE
=> dup rem 12
PROCESSING COMPLETED FOR L2
               1 DUP REM L2 (2 DUPLICATES REMOVED)
=> d
L3
      ANSWER 1 OF 1 BIOTECHDS COPYRIGHT 2004 THOMSON DERWENT/ISI ON STN
ΑN
      2002-16323 BIOTECHDS
TI
      Novel mutated, feedback resistant
                                            ***pyruvate***
                                                                  ***carboxylase***
      enzyme polypeptide, useful for producing amino acids e.g. L-lysine,
L-threonine, L-glycine, L-glutamic acid, L-proline and L-methionine and
      L-isoleucine;
         plasmid-mediated recombinant enzyme gene transfer and expression in
         Corynebacterium sp.
ΑU
        ***HANKE P D***
PA
      ARCHER-DANIELS MIDLAND CO
PΙ
      WO 2002031158 18 Apr 2002
ΑI
      WO 2000-US31893 13 Oct 2000
PRAI
      US 2000-239913 13 Oct 2000
DT
      Patent
LA
      English
05
      WPI: 2002-463267 [49]
=> dis his
     (FILE 'HOME' ENTERED AT 11:49:36 ON 05 APR 2004)
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FILE 'MEDLINE, SCISEARCH, LIFESCI, BIOTECHDS, BIOSIS, EMBASE, HCAPLUS,

NTIS, ESBIOBASE, BIOTECHNO, WPIDS' ENTERED AT 11:49:49 ON 05 APR 2004 7857 S HANKE, ?/AU

3 S L1 AND PYRUVATE CARBOXYLASE
1 DUP REM L2 (2 DUPLICATES REMOVED)

=> log h COST IN U.S. DOLLARS

L1 L2

SINCE FILE TOTAL ENTRY SESSION 17.82 18.03

FULL ESTIMATED COST

SESSION WILL BE HELD FOR 60 MINUTES STN INTERNATIONAL SESSION SUSPENDED AT 11:50:49 ON 05 APR 2004